IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Appl No.:	**10/623210**
Applicant:	**Leahy, T. Liam**
Filing Date:	**7/18/03**
Art Unit:	**2616**
Examiner:	**Lee, Chi Ho A**
Attorney Docket No.:	**101007.0003US1**
Title	**Security Through Manipulation Of**
	Virtual Topography

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE AFTER FINAL

Sir:

This paper responds to the Office Action dated September 19, 2007. Please enter the
amendments shown herein.

- Claim amendments begin on page 2.

- Remarks begin on page 3.

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (currently amended) An improved system adapted to send a transmission to a destination, the transmission comprising a set of ordered packets of a single stream~~to a destination~~, and the improvement ~~system~~ comprising hardware and software ~~configured~~ that cooperate to: address a first packet of the ordered set of packets with a first destination identifier that identifies the destination; address a second packet of the ordered set of packets with a second destination identifier that identifies the destination, but is different from the first destination identifier; and to cause the first and second packets to be transmitted to the destination, whereby the packets are transmitted in a manner that increases security of the transmission.

2. (original) The system of claim 1 wherein each of the set of ordered packets is an IP packet, and the provided identifiers are IP addresses.

3. (original) The system of claim 2 wherein the hardware and software is also configured:
   address a first packet of the ordered set of packets with a first source identifier;
   address a second packet of the ordered set of packets with a second source identifier that
        is different from the first source identifier.

4. (original) The system of claim 3 wherein at least some of the provided source identifiers do not identify the system.

5. (original) A system adapted to send a set of ordered packets to a common destination, the system comprising hardware and software configured to:
   address a first packet of the ordered set of packets with a first source identifier;
   address a second packet of the ordered set of packets with a second source identifier that
        is different from the first source identifier.

6. (original) The system of claim 5 wherein each of the set of ordered packets is an IP packet, and the provided identifiers are IP addresses.

7. (original) The system of claim 6 wherein at least some of the provided source identifiers do

not identify the system.

8. (original) The system of claim 7 wherein none of the provided source identifiers identify the system.

9. (original) The system of claim 8 wherein the set of ordered packets include the contents of a single message or file subdivided for transmission via the set of ordered packets.

10. (original) The system of claim 9 wherein each packet of the ordered set of packets comprises an identifier pair that includes both the source identifier and destination identifier of the packet, and each packet of the set comprises a unique identifier pair.

11. (original) The system of claim 10 wherein the system is also adapted to send at least some dummy packets which are not part of the set ordered packets while sending the set of ordered packets.

12. (original) The system of claim 11 wherein the system is adapted to send the dummy packets by providing the dummy packets with destination identifiers that do not identify any system.

13. (currently amended) A method of sending a set of ordered packets <u>composing a single stream</u> to a destination comprising:
    associating a set of destination identifiers with a destination;
    providing a set of ordered packets to be sent to the destination;
    assigning each of the ordered packets a destination identifier from the set of destination
        identifiers wherein at least two packets of the set are assigned different destination
        identifiers; and
    sending the packets.

14. (currently amended) The method of claim 12 further comprising:
    associating a set of source identifiers with the~~a~~ source system;
    assigning each of the ordered packets a source identifier from the set of source identifiers
        wherein at least two packets of the set are assigned different source identifiers;
        and
    causing the source system to send the packets.

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<div align="center">**REMARKS/ARGUMENTS**</div>

35 USC 101

The Office rejected claims 1-12 as claiming non-statutory subject matter. The Applicant disagrees, but in the interest of moving the matter forward, and since it doesn't affect the scope of the claims anyway, the Applicant has amended Claim 1 to move the recitation of "hardware and software" to the body of the claim, and to further recite "whereby the packets are transmitted in a manner that increases security of the transmission."

35 USC 112

The Office rejected claims 1-12 as reciting a system that lacks any structure. The Applicant disagrees, but in the interest of moving the matter forward has amended Claim 1 to recite hardware and software in the body of the claim.
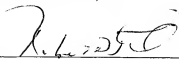
35 USC §§ 102 and 103

The Office rejected Claims 1-10, 13, and 14 as being anticipated by Bellovin (US 2001/0034844), and Claims 11 and 12 as being obvious over Bellovin. The Office apparently reads the term "a set of ordered packets" to include subject matter that is not limited to a single stream. The Applicant clarifies that distinction herein by including in each of the independent claims an express limitation of "a single stream". With that clarification all of the claims should be allowable. Of course, the dependent claims are amended by virtue of their dependency.

Request For Allowance

Claims 1-14 are pending in this application. The applicant requests allowance of all pending claims. The amendments herein are merely technical, and in the nature of clarifications. In the event the Office does not deem these amendments to place the case in condition for allowance, the Applicant requests that the Office enter these amendments into the record for purposes of appeal.

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Respectfully submitted,
Fish & Associates, PC

By_____
        Robert D. Fish
        Reg. No. 33880

Fish & Associates, PC
2603 Main Street, Suite 1050
Irvine, CA 92614-6232
Telephone (949) 253-0944
Fax (949) 253-9069